

US EPA ARCHIVE DOCUMENT

U.S. EPA's Local Climate and Energy Webcast Series Presents:

Energy Efficiency in Water and Wastewater Facilities

Telephone call-in number: (877) 506-7699

We will start in a few minutes. Thank you for joining us.



**State and Local
Climate and Energy Program**





Energy Efficiency in Water and Wastewater Facilities

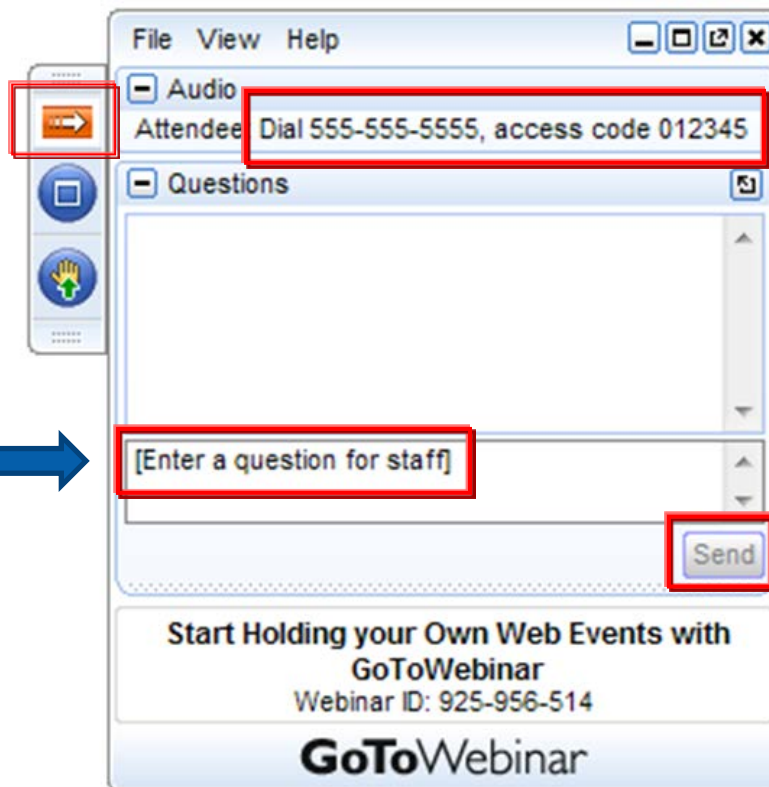
October 30, 2013

2:00 PM ET – 3:30 PM ET

Telephone call-in number: (877) 506-7699

How to Participate Today

Open and close
your control
panel



Audio is only
available by
telephone
Dial: (877) 506-7699



Participants are on mute
Type in your questions
and indicate the
speakers



Hit "send" to
submit your
questions



If you experience technical difficulties, please contact
Wendy Jaglom at: Wendy.Jaglom@icfi.com

Webcast Agenda



- **Welcome and Introduction**
Emma Zinsmeister, U.S. EPA State and Local Climate and Energy Program
- **Energy Efficiency for Water Utilities**
Jim Horne, U.S. EPA Office of Wastewater Management
- **Greater Lawrence Sanitary District Energy Efficiency Program**
Michael DiBara, Massachusetts Department of Environmental Protection
Richard Weare, Greater Lawrence Sanitary District
- **Tennessee Water and Wastewater Energy Efficiency Partnership**
Bob Freeman & Brendan Held, U.S. EPA Region 4
- **Q&A Session**
- **Optional Feedback**

Files and audio recordings of today's webcast will be available at:
www.epa.gov/statelocalclimate/web-podcasts/index.html



U.S. EPA's State and Local Climate and Energy Program

Bridging the Gap Across Environment and Energy Decision-Making



Helping state and local governments reduce GHGs

- We use co-benefits strategies to achieve GHG and policy goals
 - Environmental, energy, economic, health benefits
 - Example: EE/RE/CHP can lower costs to comply with air standards
- We foster inter-agency collaboration
 - States – air offices, energy offices, PUCs
 - Locals – planning, environmental services, energy and many other related departments
- We help state and local governments make the case for action
 - Best practice-based policy approaches
 - Analytical tools and information
 - Communications resources including peer exchanges, lessons learned
- **All our resources are available at:**

www.epa.gov/statelocalclimate



U.S. EPA's State and Local Climate and Energy Program

Bridging the Gap Across Environment and Energy Decision-Making



Resources for local governments

- Climate Showcase Communities www.epa.gov/climateshowcase
 - 50 models of local climate change action
 - Case studies, templates, and other resources to support replication
- Key Guidance and Tools
 - Comprehensive Local Climate and Energy Website www.epa.gov/statelocalclimate
 - ★ **Local Government Climate and Energy Strategy Series** on EE, RE, transportation, waste management, and community design topics www.epa.gov/statelocalclimate/web-podcasts/local-webcasts.html
 - Newsletter updates on new funding opportunities, tools, and events www.epa.gov/statelocalclimate/web-podcasts/local-webcasts.html
 - Access to other federal technical support programs
- Peer Exchanges
 - Local Climate and Energy Webcast Series on mitigation and adaptation topics <http://www.epa.gov/statelocalclimate/web-podcasts/index.html>



EPA Guide for Local Governments on Reducing Greenhouse Gas Emissions Through Energy Efficiency in Water Facilities



- Comprehensive information for local government staff and policy makers on:
 - Environmental, economic, and human health benefits
 - A step-by-step approach to energy management
 - Key stakeholders to engage
 - Policy mechanisms for initiating programs
 - Implementation strategies for success
 - Investment and financing opportunities
- Key features:
 - Case studies and examples from communities across the United States
 - Links to technical resources, analytical tools, and sources of funding
- Part of EPA's *Local Government Climate and Energy Strategy Series*
 - [Download](#) your copy today!

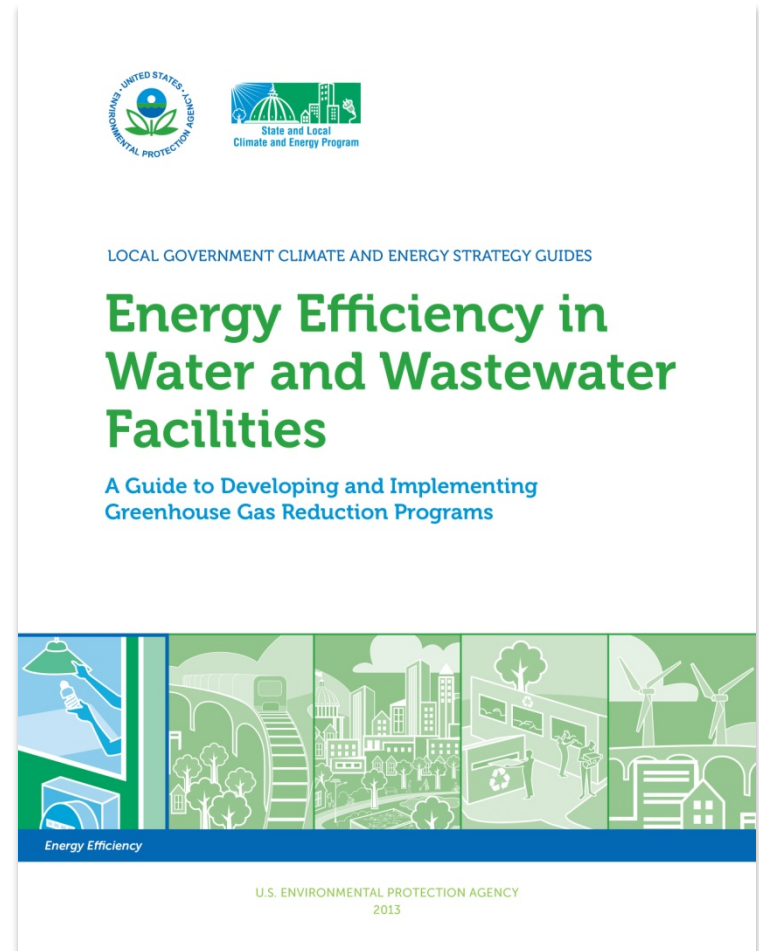


FIGURE 1. ENERGY INTENSITY OF EACH STAGE IN THE WATER USE CYCLE, WITH KEY OPPORTUNITIES FOR ENERGY EFFICIENCY, RENEWABLE ENERGY, AND WATER EFFICIENCY.

Sources: California Energy Commission, 2005; U.S. EPA, 2010a; U.S. EPA, 2010b; Energy Center of Wisconsin

Sneak Peak!

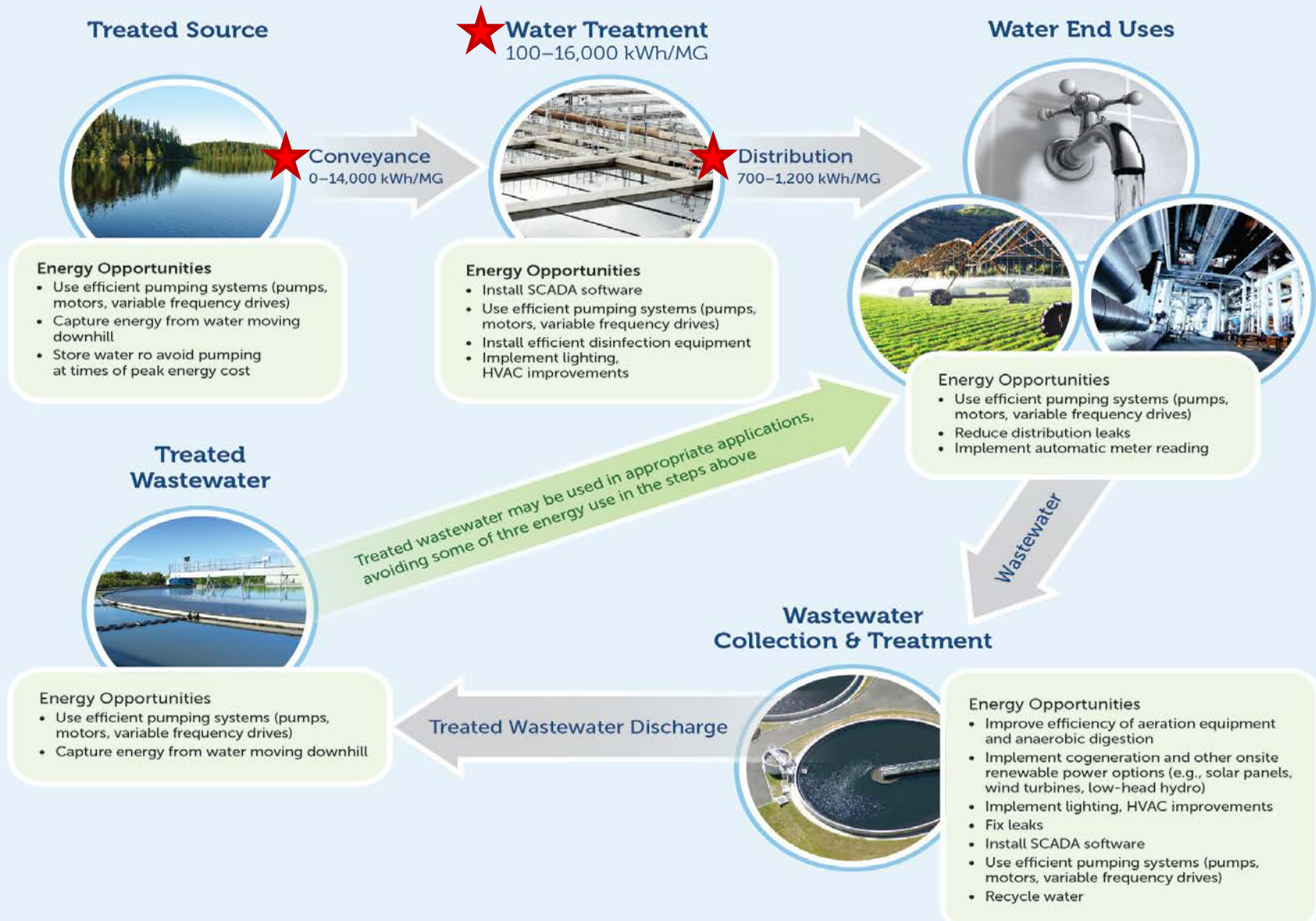
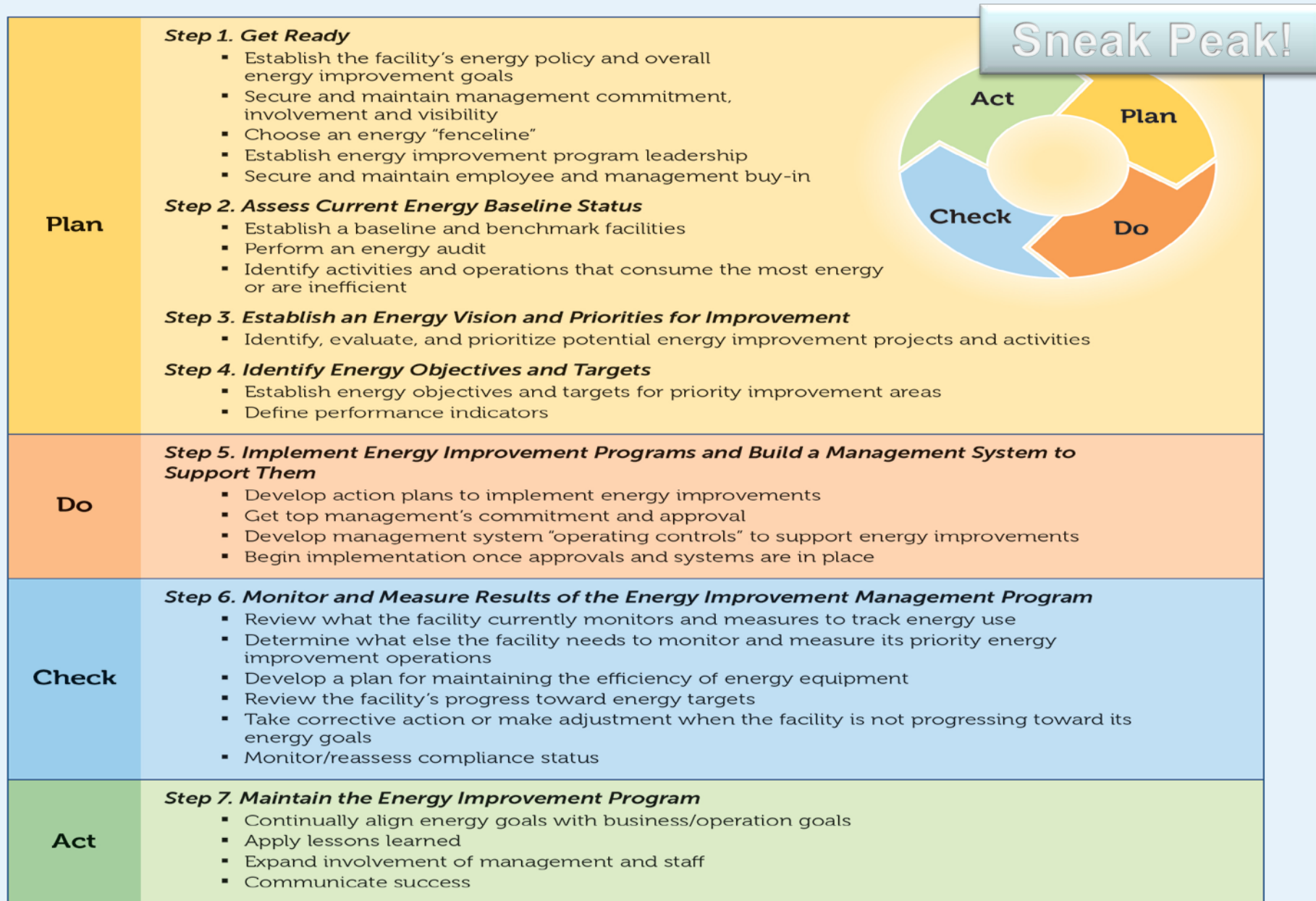


FIGURE 2. STEPS FOR DESIGNING, IMPLEMENTING, AND SUSTAINING ENERGY EFFICIENCY IMPROVEMENTS IN WATER AND WASTEWATER FACILITIES



Based on U.S. EPA, 2008.

Contact Information



Emma Zinsmeister

Lead Local Climate Strategy Analyst

U.S. Environmental Protection Agency

State and Local Climate and Energy Program

zinsmeister.emma@epa.gov

202-343-9043

Webcast Agenda



- **Welcome and Introduction**
Emma Zinsmeister, U.S. EPA State and Local Climate and Energy Program
- **Energy Efficiency for Water Utilities**
Jim Horne, U.S. EPA Office of Wastewater Management
- **Greater Lawrence Sanitary District Energy Efficiency Program**
Michael DiBara, Massachusetts Department of Environmental Protection
Richard Weare, Greater Lawrence Sanitary District
- **Tennessee Water and Wastewater Energy Efficiency Partnership**
Bob Freeman & Brendan Held, U.S. EPA Region 4
- **Q&A Session**
- **Optional Feedback**

Reminders:

- [Download](#) the guide
- Provide feedback on the webcast

